

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051220\  
 Data File : PD057901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 May 2020 17:01  
 Operator : AJ\MA  
 Sample : L2594-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 06:53:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 12 12:00:03 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.228  | 3.896  | 18869334 | 25366561 | 21.779  | 21.564     |
| 2)                          | SA Decachlor... | 7.873  | 8.901  | 18349043 | 17115820 | 20.365  | 15.020 #   |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.306f | 0        | 8610849  | N.D.    | 4.808 #    |
| 3)                          | MA gamma-BHC... | 3.929  | 4.540f | 2877617  | 1355223  | 2.083   | 0.791 #    |
| 4)                          | MA Heptachlor   | 4.204  | 5.062  | 20820415 | 46466490 | 18.474  | 27.824 #   |
| 5)                          | MB Aldrin       | 4.438  | 5.339f | 11097778 | 57607018 | 9.509   | 36.361 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.752f | 0        | 638528   | N.D.    | 0.870 #    |
| 7)                          | B delta-BHC     | 4.358  | 0.000  | 2728745  | 0        | 2.146   | N.D. #     |
| 8)                          | B Heptachlo...  | 4.873  | 5.734  | 2928552  | 35771839 | 2.678   | 23.293 #   |
| 9)                          | A Endosulfan I  | 5.188  | 0.000  | 3596541  | 0        | 3.509   | N.D. #     |
| 10)                         | B gamma-Chl...  | 5.094  | 5.979  | 97428824 | 149.2E6  | 87.054  | 97.246     |
| 11)                         | B alpha-Chl...  | 5.149  | 6.053  | 87574809 | 171.7E6  | 78.530  | 111.705 #  |
| 12)                         | B 4,4'-DDE      | 5.318  | 6.209  | 9501394  | 11784265 | 9.035   | 8.471      |
| 13)                         | MA Dieldrin     | 5.439  | 6.355  | 17152748 | 16816228 | 15.582  | 11.482 #   |
| 14)                         | MA Endrin       | 5.698  | 0.000  | 5978389  | 0        | 6.148   | N.D. #     |
| 15)                         | B Endosulfa...  | 5.967  | 6.798f | 22892010 | 3935117  | 23.348  | 3.035 #    |
| 16)                         | A 4,4'-DDD      | 5.826  | 6.702  | 4337031  | 11759765 | 5.095   | 9.942 #    |
| 17)                         | MA 4,4'-DDT     | 6.061  | 6.994  | 10351354 | 20530918 | 12.675  | 17.460 #   |
| 18)                         | B Endrin al...  | 6.155f | 0.000  | 579091   | 0        | 0.702   | N.D. #     |
| 20)                         | A Methoxychlor  | 6.583f | 0.000  | 1306820  | 0        | 3.170   | N.D. #     |
| 23)                         | Chlordane-1     | 4.058  | 4.875  | 21809835 | 30316184 | 774.009 | 688.486    |
| 24)                         | Chlordane-2     | 4.544  | 5.339  | 28164413 | 57607018 | 833.769 | 1127.679 # |
| 25)                         | Chlordane-3     | 5.094  | 5.979  | 97428824 | 149.2E6  | 962.268 | 786.821    |
| 26)                         | Chlordane-4     | 5.149  | 6.053  | 87574809 | 171.7E6  | 944.966 | 755.201    |
| 27)                         | Chlordane-5     | 5.967  | 6.851  | 22892010 | 30194494 | 698.017 | 738.682    |
| -----                       |                 |        |        |          |          |         |            |

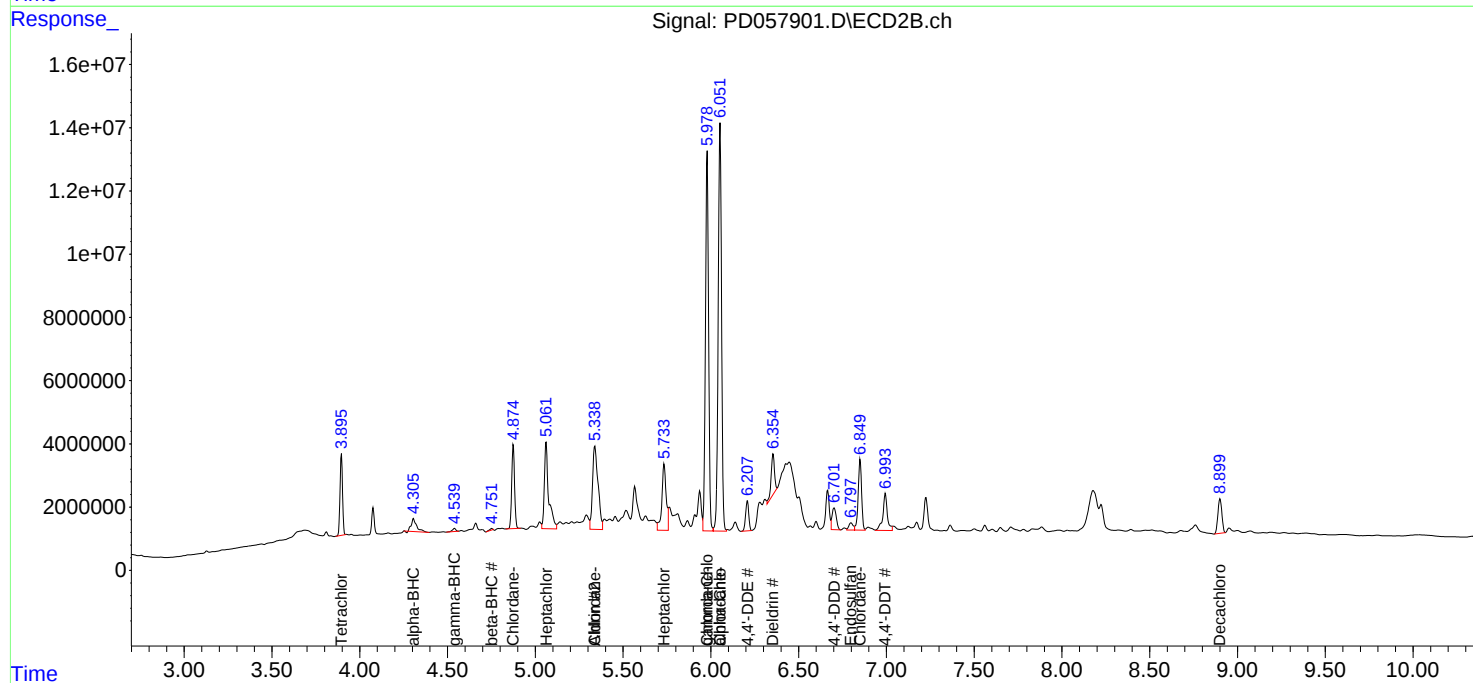
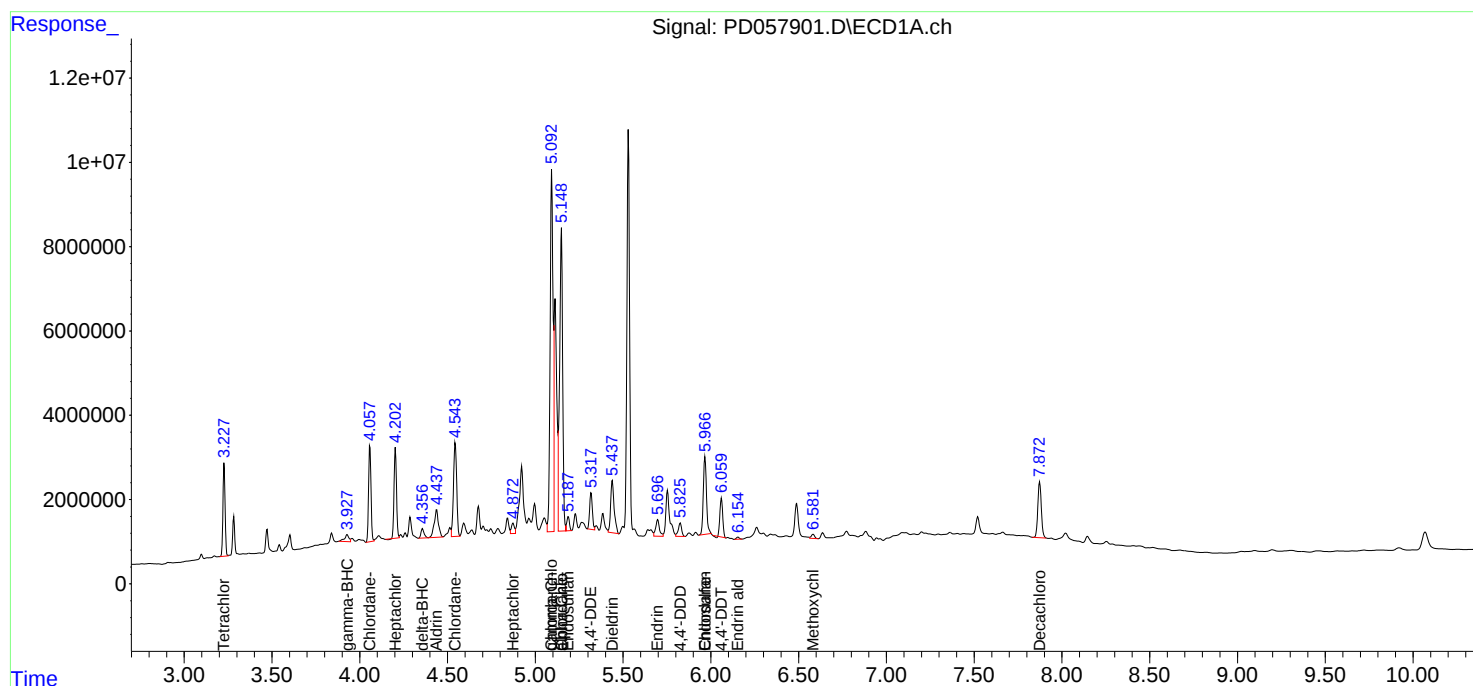
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

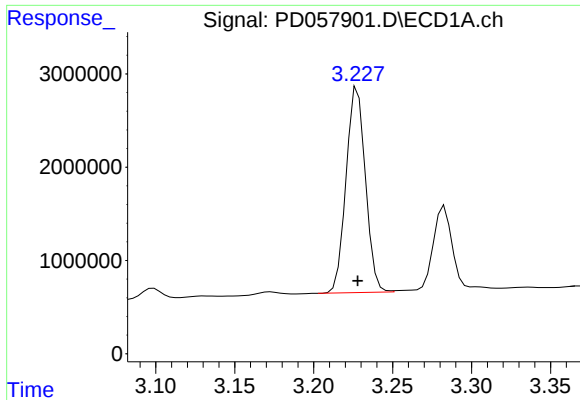
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051220\  
Data File : PD057901.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 May 2020 17:01  
Operator : AJ\MA  
Sample : L2594-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 06:53:07 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051220.M  
Quant Title : GC Extractables  
QLast Update : Tue May 12 12:00:03 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

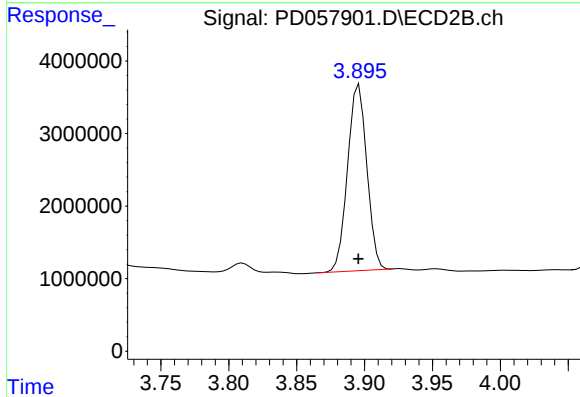




#1 Tetrachloro-m-xylene

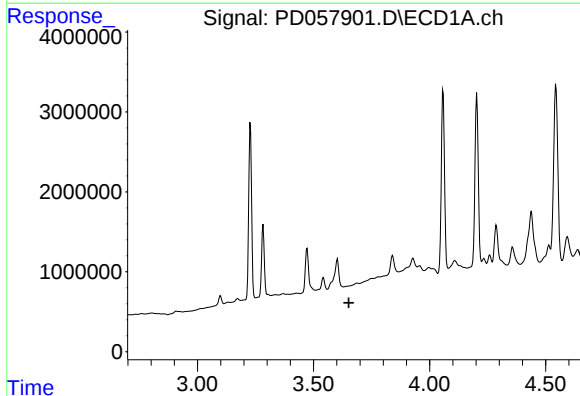
R.T.: 3.228 min  
Delta R.T.: 0.000 min  
Response: 18869334  
Conc: 21.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



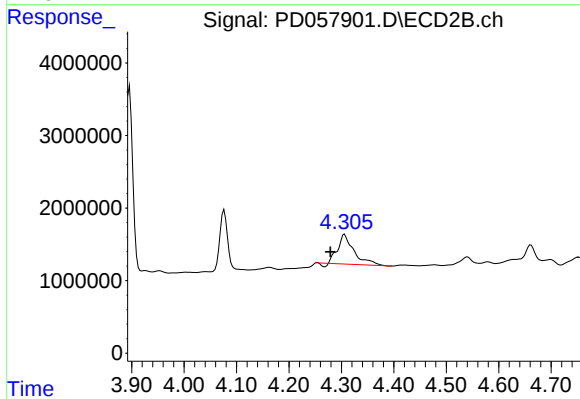
#1 Tetrachloro-m-xylene

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 25366561  
Conc: 21.56 ng/ml



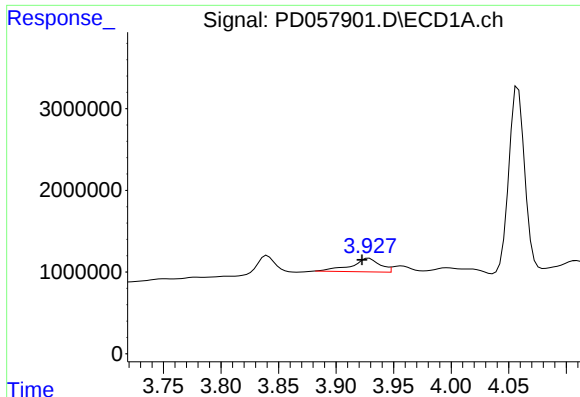
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.651 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

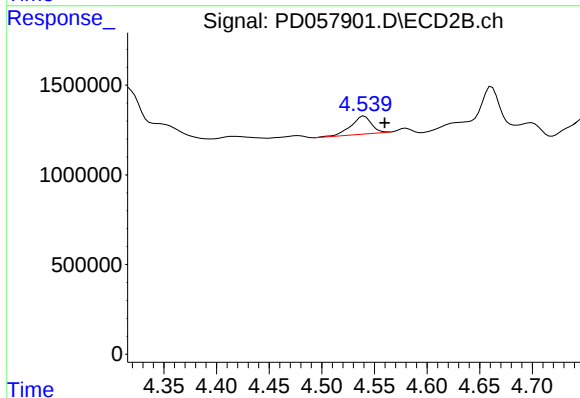
R.T.: 4.306 min  
Delta R.T.: 0.027 min  
Response: 8610849  
Conc: 4.81 ng/ml



#3 gamma-BHC (Lindane)

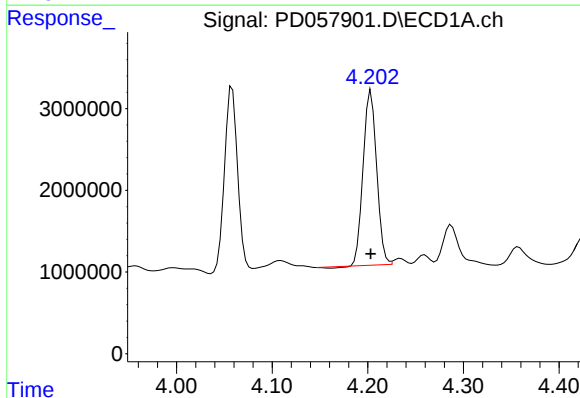
R.T.: 3.929 min  
Delta R.T.: 0.006 min  
Response: 2877617  
Conc: 2.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



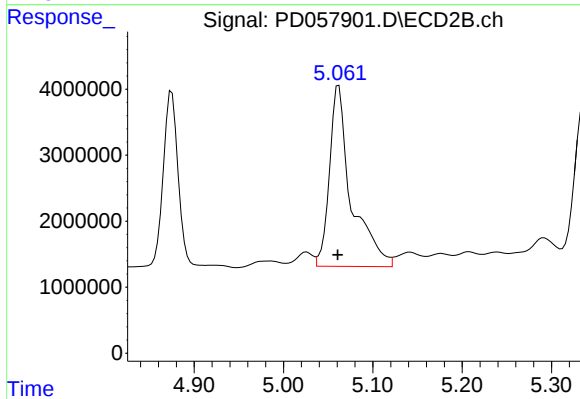
#3 gamma-BHC (Lindane)

R.T.: 4.540 min  
Delta R.T.: -0.019 min  
Response: 1355223  
Conc: 0.79 ng/ml



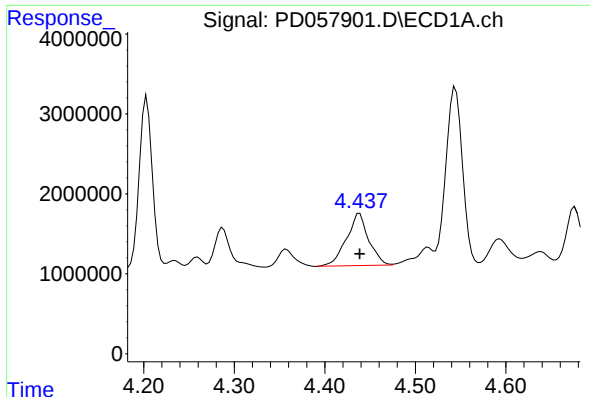
#4 Heptachlor

R.T.: 4.204 min  
Delta R.T.: 0.000 min  
Response: 20820415  
Conc: 18.47 ng/ml



#4 Heptachlor

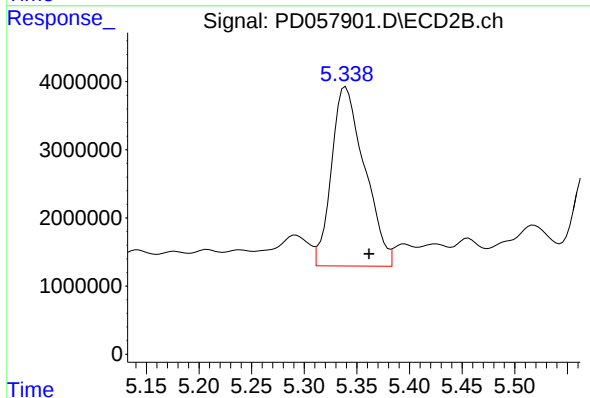
R.T.: 5.062 min  
Delta R.T.: 0.001 min  
Response: 46466490  
Conc: 27.82 ng/ml



#5 Aldrin

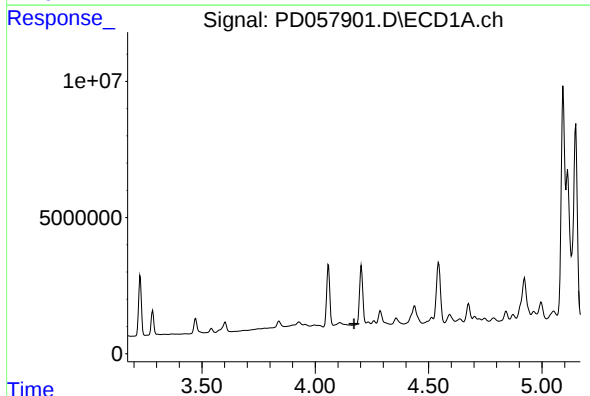
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 11097778  
Conc: 9.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



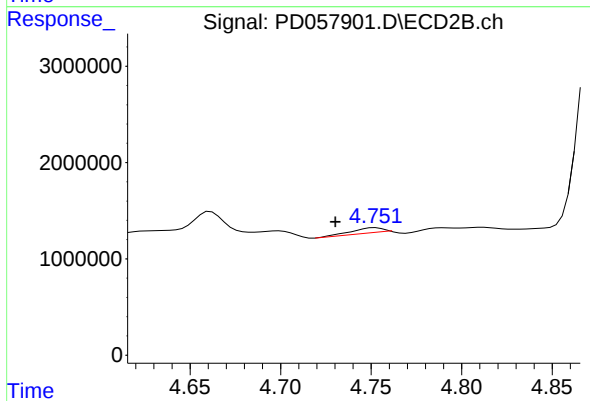
#5 Aldrin

R.T.: 5.339 min  
Delta R.T.: -0.022 min  
Response: 57607018  
Conc: 36.36 ng/ml



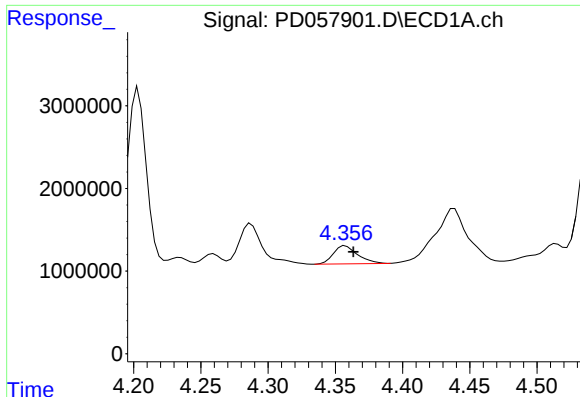
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.171 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

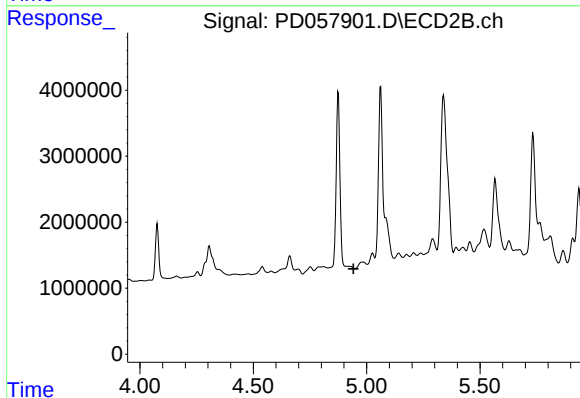
R.T.: 4.752 min  
Delta R.T.: 0.022 min  
Response: 638528  
Conc: 0.87 ng/ml



#7 delta-BHC

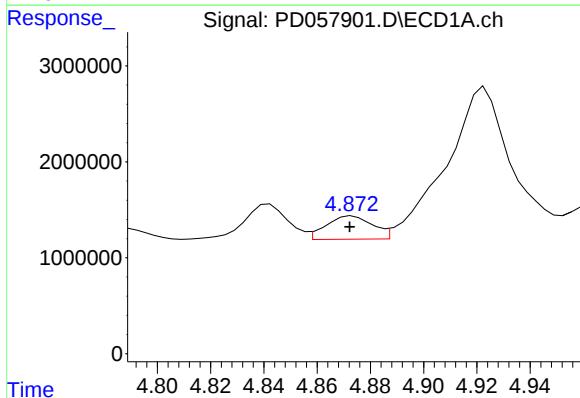
R.T.: 4.358 min  
Delta R.T.: -0.006 min  
Response: 2728745  
Conc: 2.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



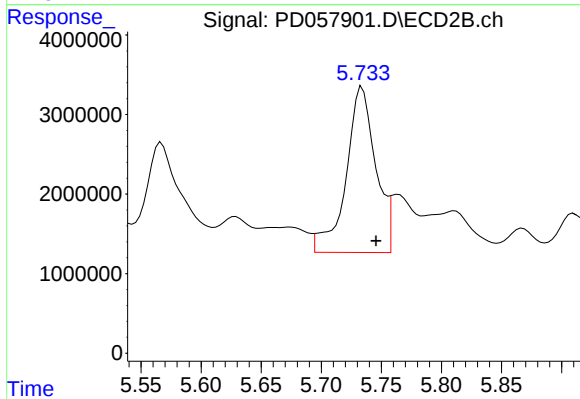
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.943 min  
Response: 0  
Conc: N.D.



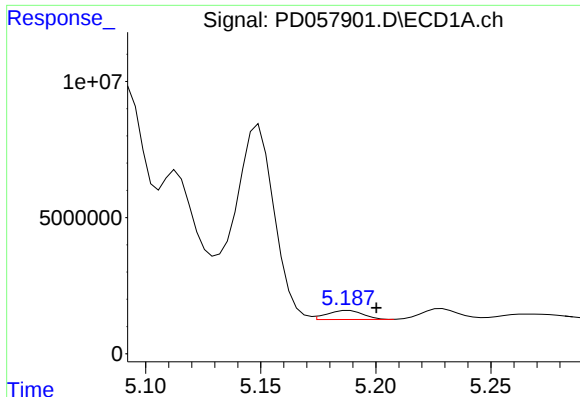
#8 Heptachlor epoxide

R.T.: 4.873 min  
Delta R.T.: 0.001 min  
Response: 2928552  
Conc: 2.68 ng/ml



#8 Heptachlor epoxide

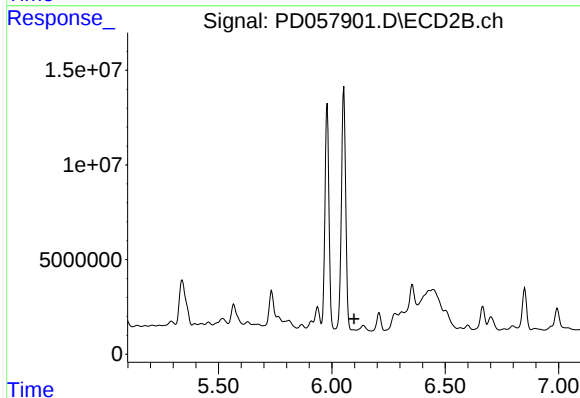
R.T.: 5.734 min  
Delta R.T.: -0.012 min  
Response: 35771839  
Conc: 23.29 ng/ml



#9 Endosulfan I

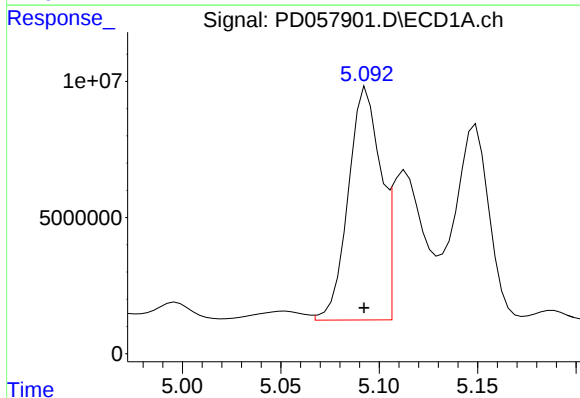
R.T.: 5.188 min  
Delta R.T.: -0.012 min  
Response: 3596541  
Conc: 3.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



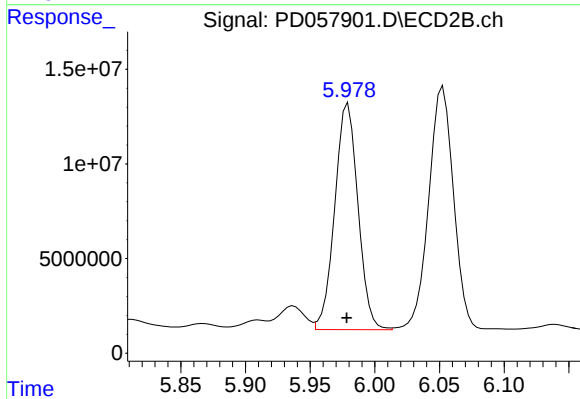
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.099 min  
Response: 0  
Conc: N.D.



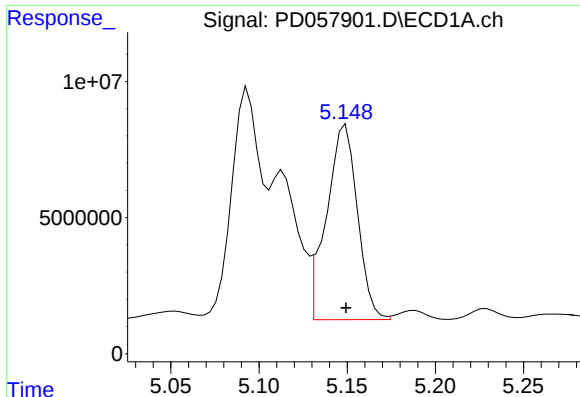
#10 gamma-Chlordane

R.T.: 5.094 min  
Delta R.T.: 0.001 min  
Response: 97428824  
Conc: 87.05 ng/ml



#10 gamma-Chlordane

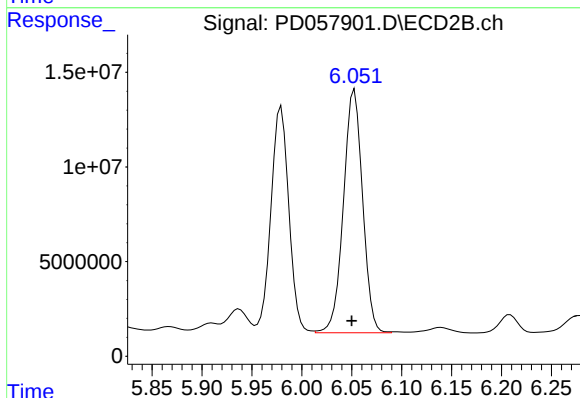
R.T.: 5.979 min  
Delta R.T.: 0.001 min  
Response: 149213749  
Conc: 97.25 ng/ml



#11 alpha-Chlordane

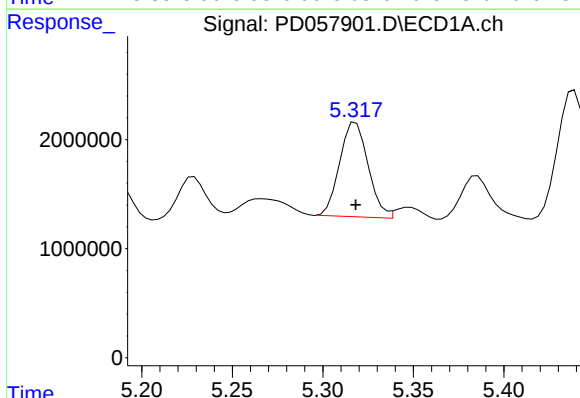
R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 87574809  
Conc: 78.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



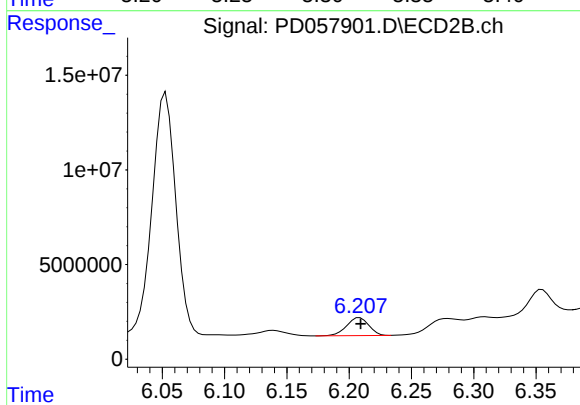
#11 alpha-Chlordane

R.T.: 6.053 min  
Delta R.T.: 0.003 min  
Response: 171666945  
Conc: 111.70 ng/ml



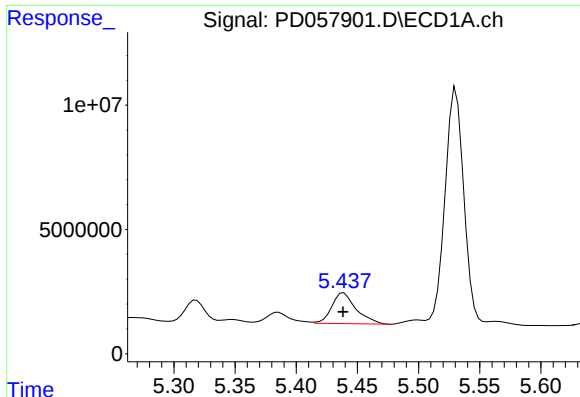
#12 4,4'-DDE

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 9501394  
Conc: 9.04 ng/ml



#12 4,4'-DDE

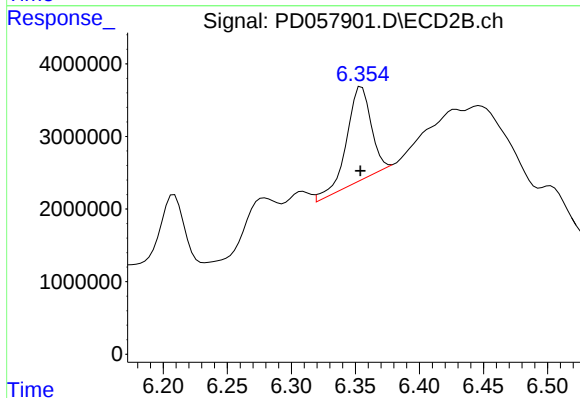
R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 11784265  
Conc: 8.47 ng/ml



#13 Dieldrin

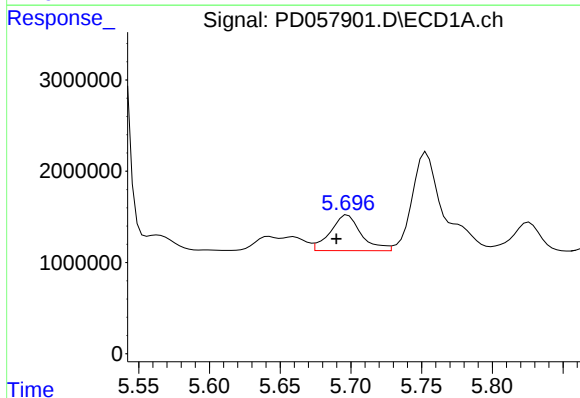
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 17152748  
Conc: 15.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



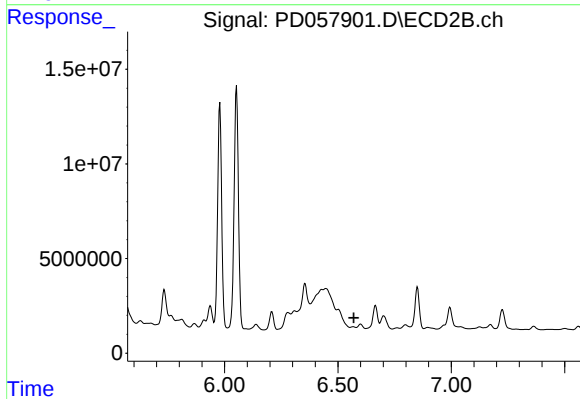
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.001 min  
Response: 16816228  
Conc: 11.48 ng/ml



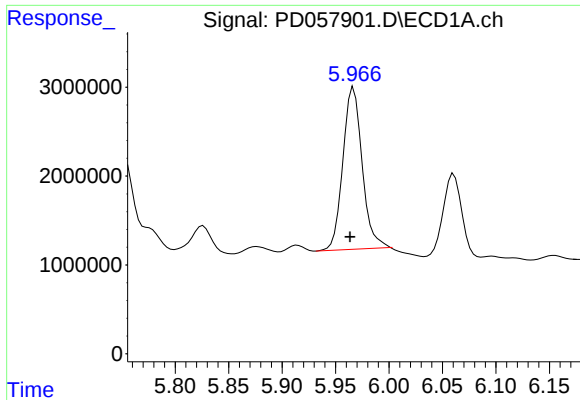
#14 Endrin

R.T.: 5.698 min  
Delta R.T.: 0.008 min  
Response: 5978389  
Conc: 6.15 ng/ml



#14 Endrin

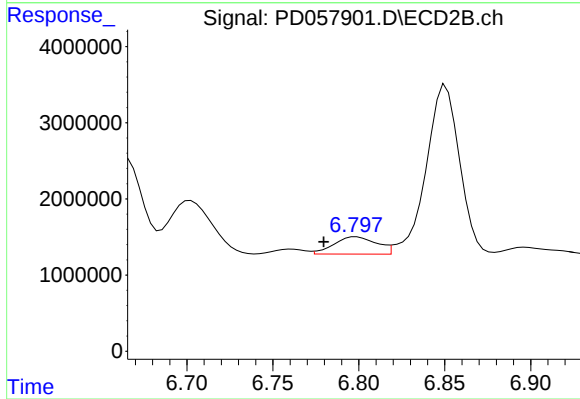
R.T.: 0.000 min  
Exp R.T. : 6.570 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

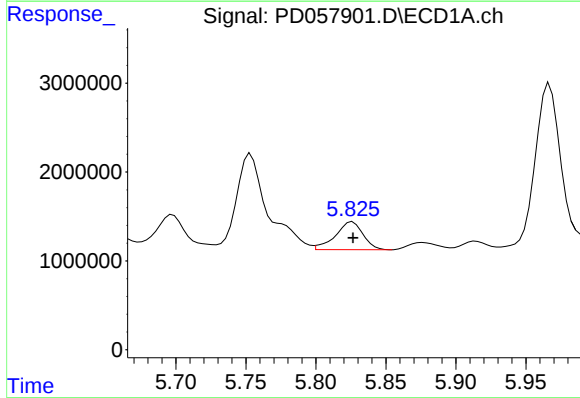
R.T.: 5.967 min  
Delta R.T.: 0.003 min  
Response: 22892010  
Conc: 23.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



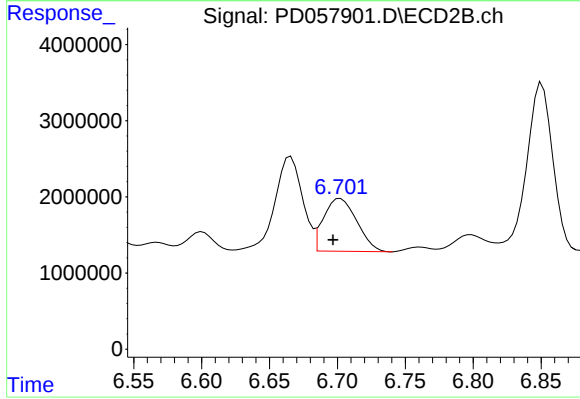
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.019 min  
Response: 3935117  
Conc: 3.03 ng/ml



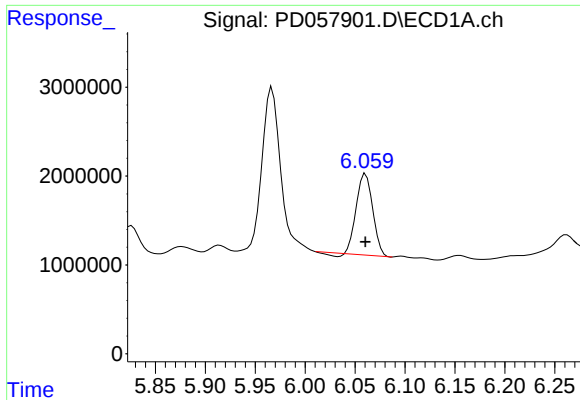
#16 4,4'-DDD

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 4337031  
Conc: 5.09 ng/ml



#16 4,4'-DDD

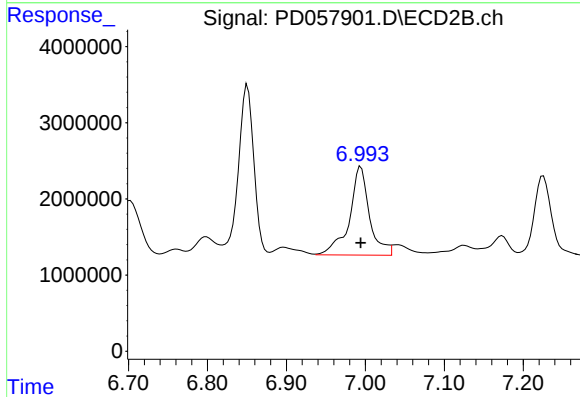
R.T.: 6.702 min  
Delta R.T.: 0.006 min  
Response: 11759765  
Conc: 9.94 ng/ml



#17 4,4'-DDT

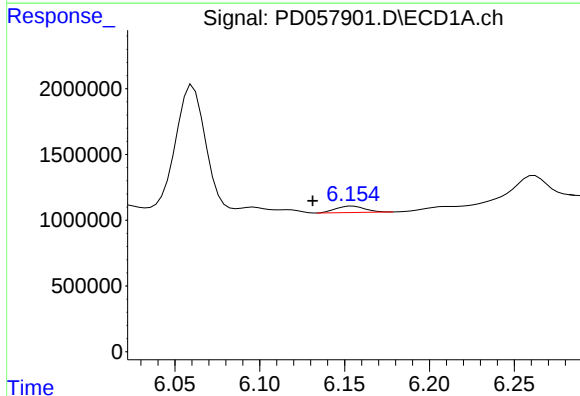
R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 10351354  
Conc: 12.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



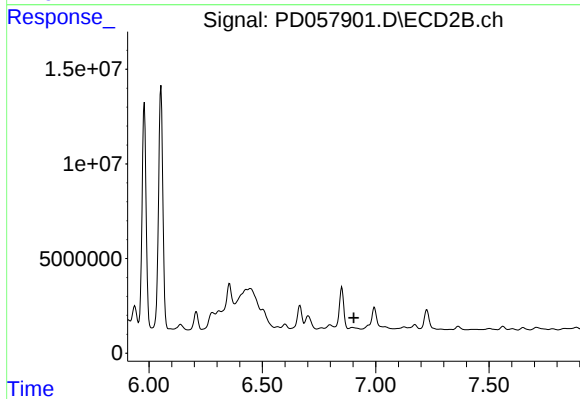
#17 4,4'-DDT

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 20530918  
Conc: 17.46 ng/ml



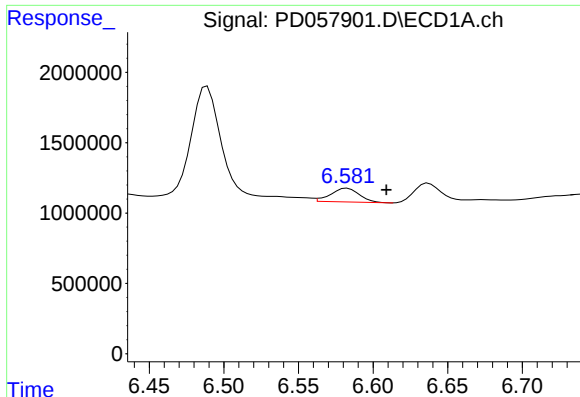
#18 Endrin aldehyde

R.T.: 6.155 min  
Delta R.T.: 0.024 min  
Response: 579091  
Conc: 0.70 ng/ml



#18 Endrin aldehyde

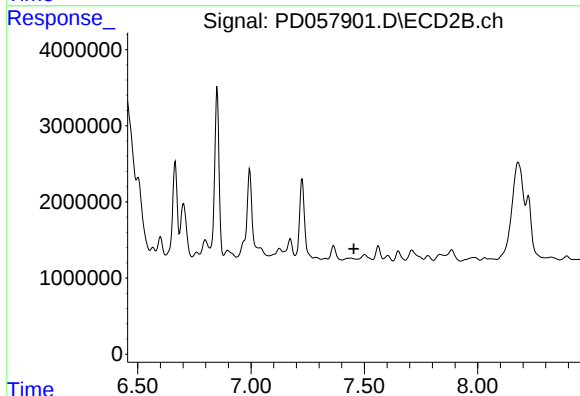
R.T.: 0.000 min  
Exp R.T. : 6.903 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

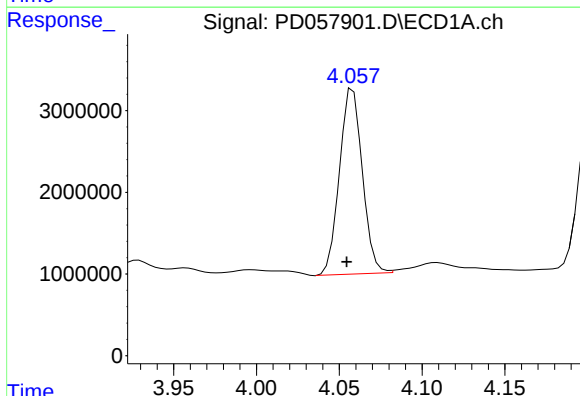
R.T.: 6.583 min  
Delta R.T.: -0.026 min  
Response: 1306820  
Conc: 3.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



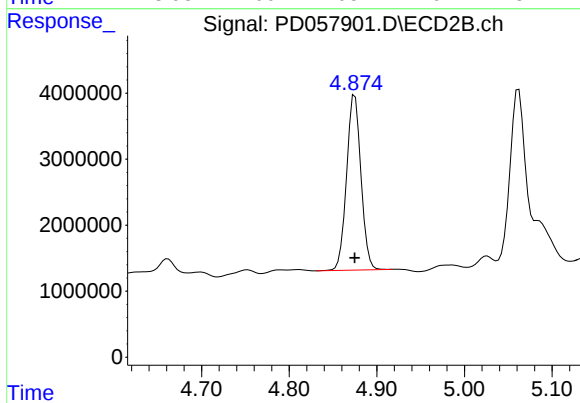
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.453 min  
Response: 0  
Conc: N.D.



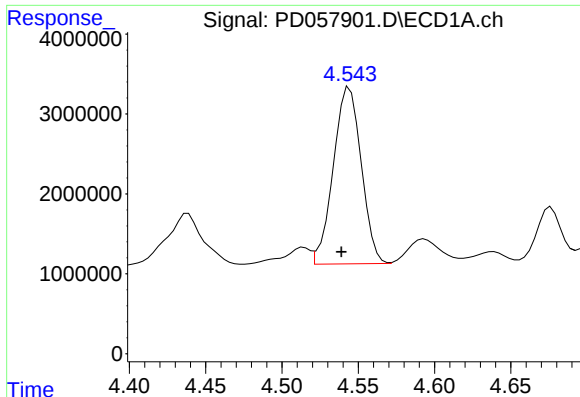
#23 Chlordane-1

R.T.: 4.058 min  
Delta R.T.: 0.004 min  
Response: 21809835  
Conc: 774.01 ng/ml



#23 Chlordane-1

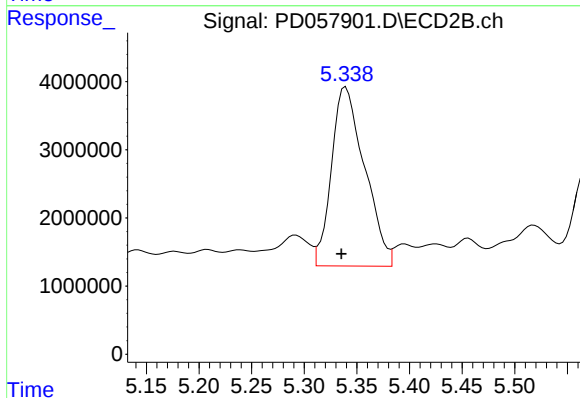
R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 30316184  
Conc: 688.49 ng/ml



#24 Chlordane-2

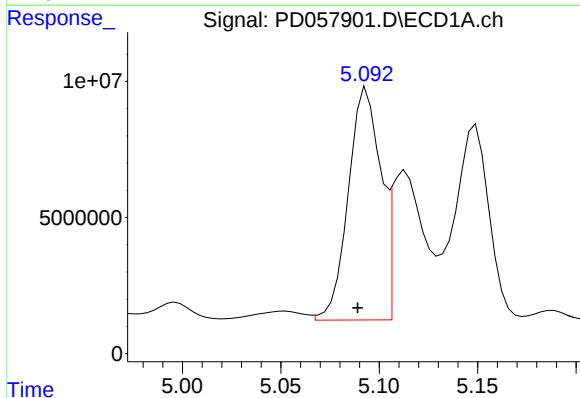
R.T.: 4.544 min  
Delta R.T.: 0.005 min  
Response: 28164413  
Conc: 833.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



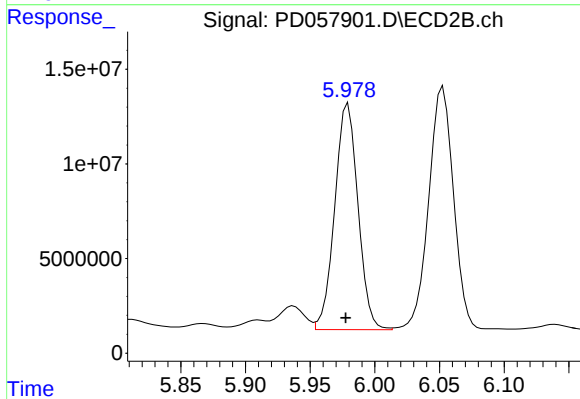
#24 Chlordane-2

R.T.: 5.339 min  
Delta R.T.: 0.004 min  
Response: 57607018  
Conc: 1127.68 ng/ml



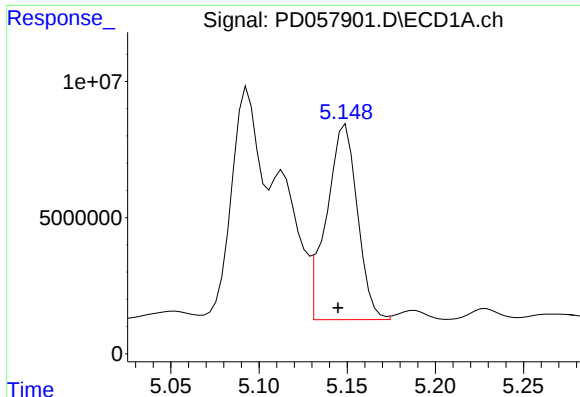
#25 Chlordane-3

R.T.: 5.094 min  
Delta R.T.: 0.005 min  
Response: 97428824  
Conc: 962.27 ng/ml



#25 Chlordane-3

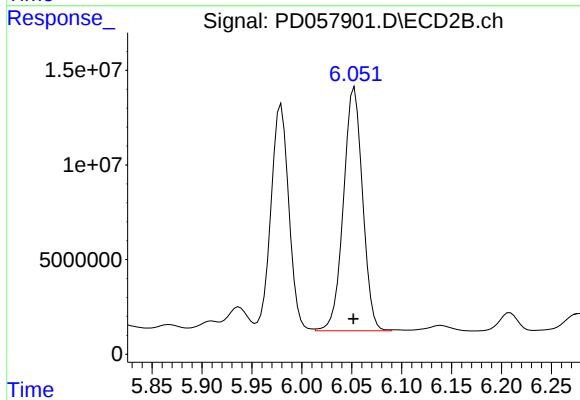
R.T.: 5.979 min  
Delta R.T.: 0.002 min  
Response: 149213749  
Conc: 786.82 ng/ml



#26 Chlordane-4

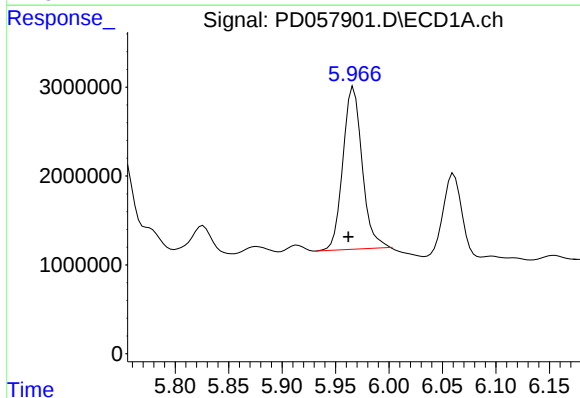
R.T.: 5.149 min  
Delta R.T.: 0.004 min  
Response: 87574809  
Conc: 944.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



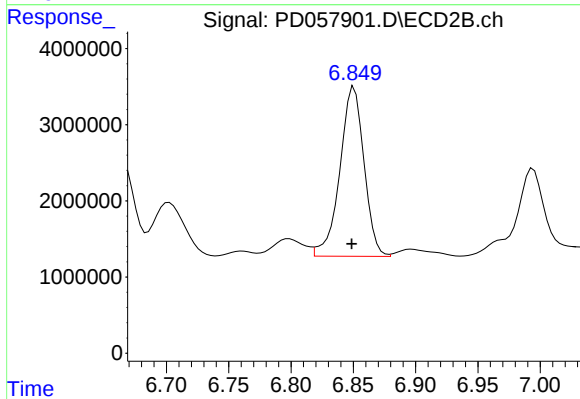
#26 Chlordane-4

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 171666945  
Conc: 755.20 ng/ml



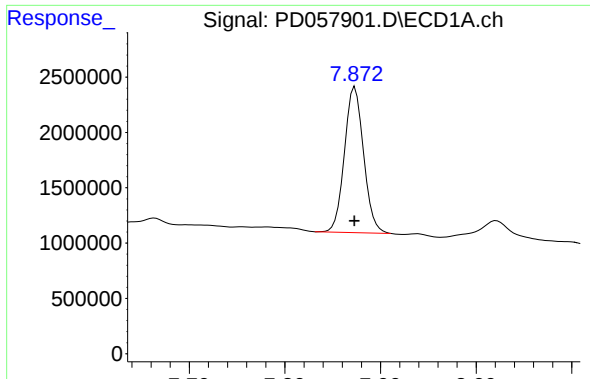
#27 Chlordane-5

R.T.: 5.967 min  
Delta R.T.: 0.005 min  
Response: 22892010  
Conc: 698.02 ng/ml



#27 Chlordane-5

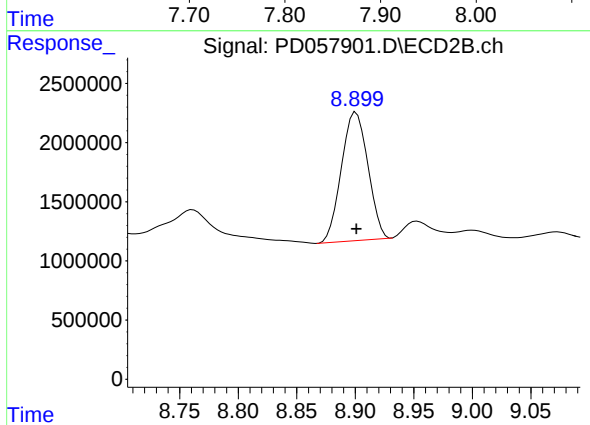
R.T.: 6.851 min  
Delta R.T.: 0.002 min  
Response: 30194494  
Conc: 738.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.873 min  
Delta R.T.: 0.000 min  
Response: 18349043  
Conc: 20.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.901 min  
Delta R.T.: 0.000 min  
Response: 17115820  
Conc: 15.02 ng/ml